



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.27 to 12.93	2943 E	3061 N	2996 S	2997 N	Min : 55.04 Max : 70.52	Min : 65.70 Max : 89.50	Min : 29.97 Max : 30.18

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	14.4	34.8	6.7	10.5	0.002	0.018
2996	12.3	19.2	6.2	9.2	0.000	0.000
2997	12.5	19.2	6.3	9.4	0.003	0.019
3061	13.0	21.5	6.4	10.0	0.000	0.002



Figure 1 : Monitoring Locations

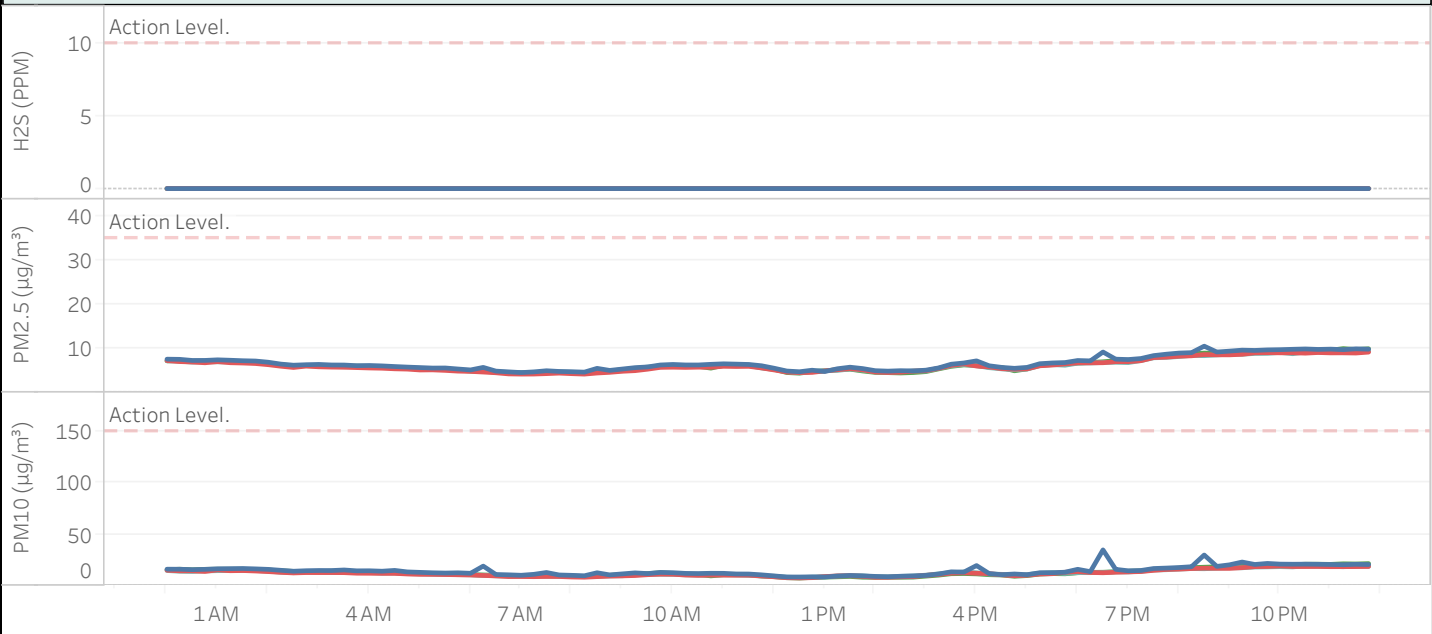


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

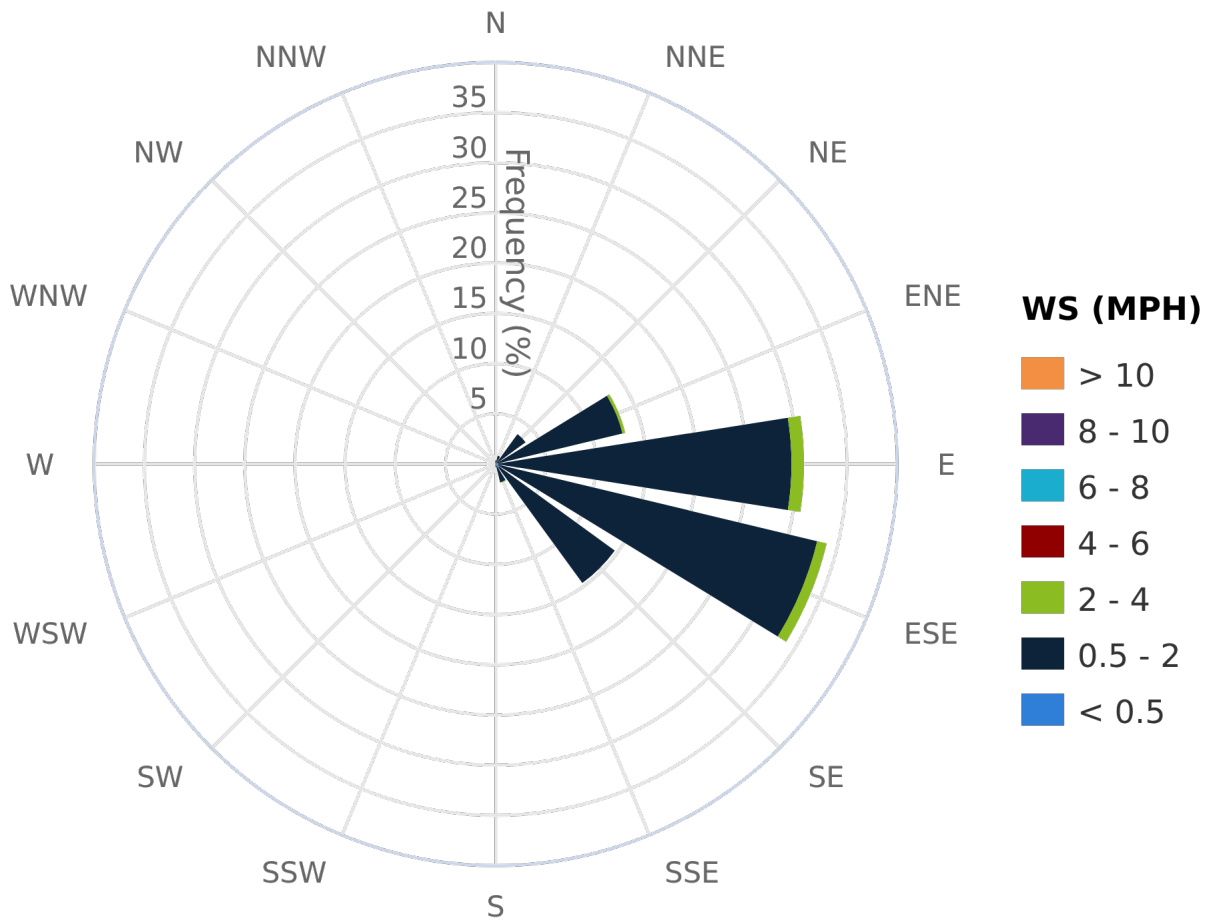


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

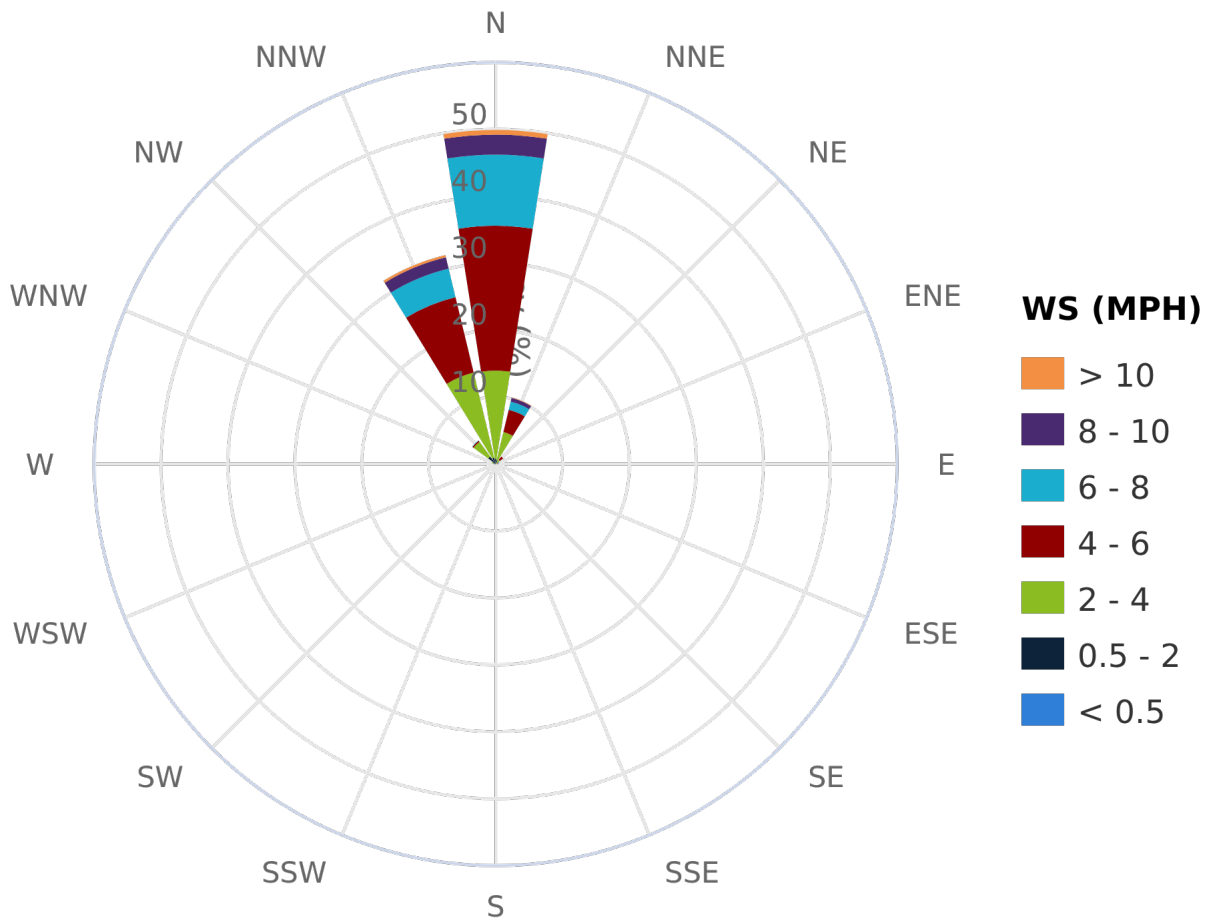


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

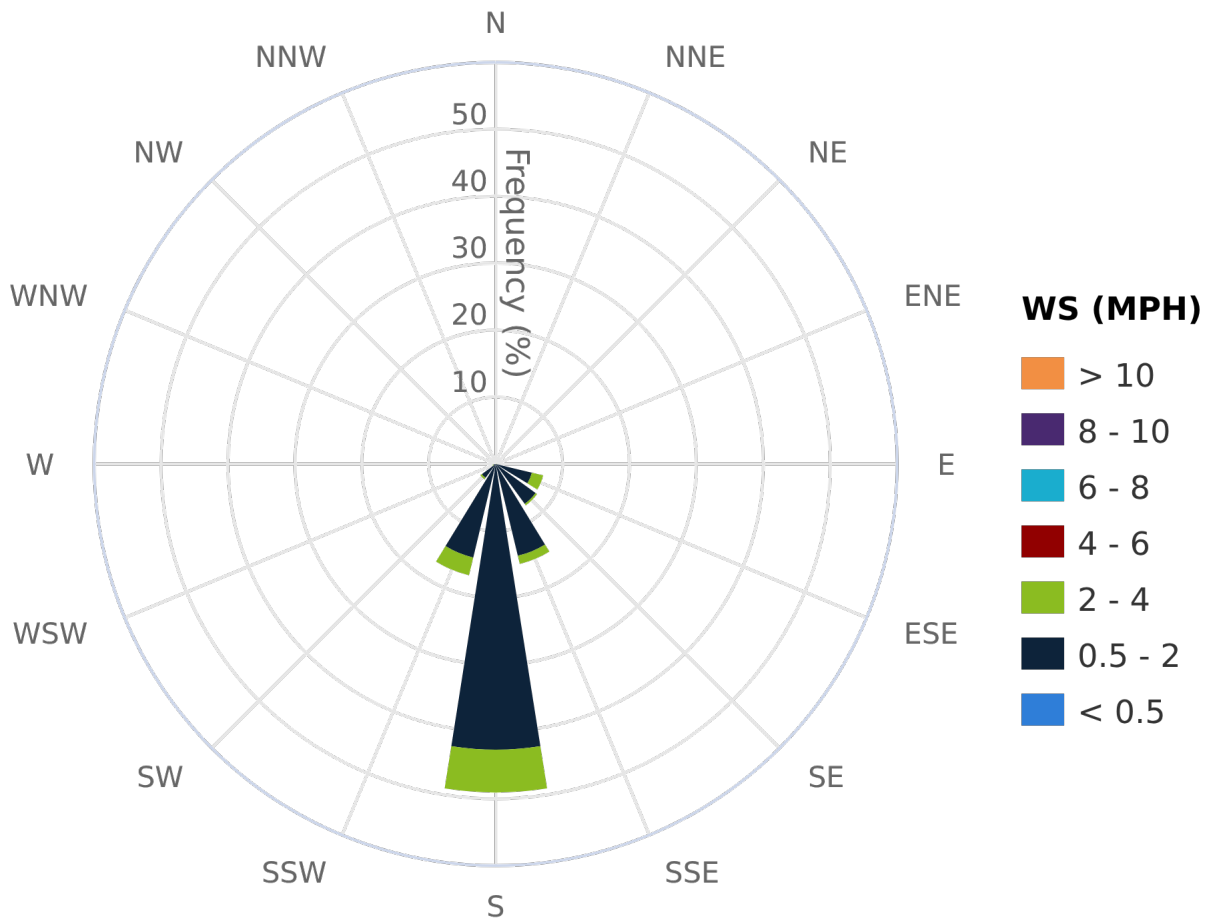


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

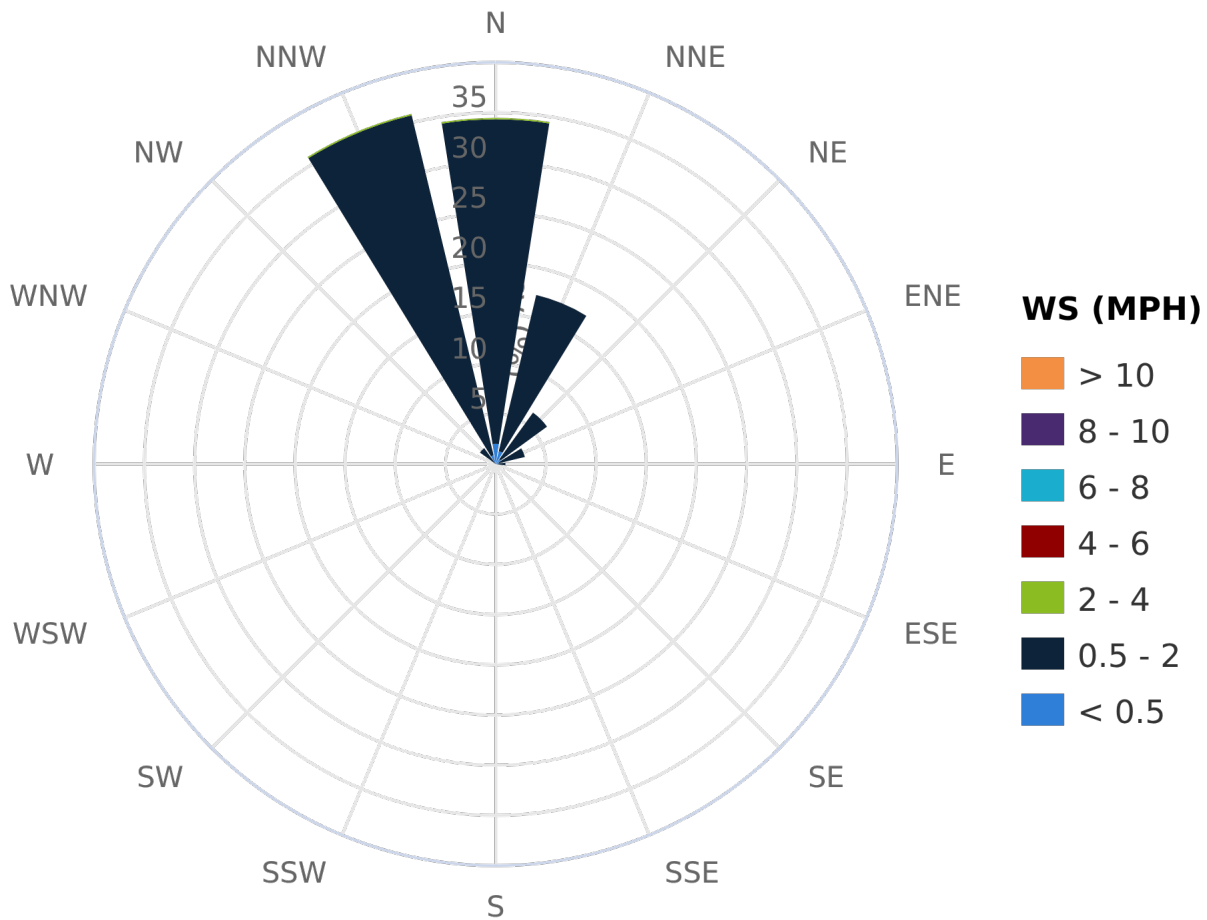


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	16.1	15.5	14.7	15.0	7.6	7.2	7.2	7.2	0.000	0.000	0.000	0.000
00:15:00	16.0	16.0	14.1	14.5	7.5	7.3	7.0	7.1	0.000	0.000	0.000	0.000
00:30:00	15.6	15.5	13.8	14.5	7.3	7.1	6.9	6.9	0.000	0.000	0.000	0.000
00:45:00	15.9	15.9	14.4	13.9	7.3	7.1	6.7	7.0	0.000	0.000	0.000	0.000
01:00:00	16.4	16.0	14.6	15.4	7.4	7.2	7.0	7.0	0.000	0.000	0.000	0.000
01:15:00	16.6	16.0	14.8	14.6	7.3	7.1	6.8	6.9	0.000	0.000	0.000	0.000
01:30:00	16.7	16.0	14.8	14.7	7.2	7.0	6.7	6.9	0.000	0.000	0.000	0.000
01:45:00	16.4	15.7	14.8	14.3	7.1	6.9	6.6	6.8	0.000	0.000	0.000	0.000
02:00:00	15.9	15.3	14.1	13.7	6.9	6.6	6.3	6.6	0.000	0.000	0.000	0.000
02:15:00	15.0	14.5	13.2	13.0	6.5	6.3	6.0	6.2	0.000	0.001	0.000	0.001
02:30:00	14.1	13.9	12.7	12.4	6.2	6.1	5.7	6.0	0.000	0.000	0.000	0.002
02:45:00	14.6	13.9	13.2	12.8	6.3	6.1	6.0	6.2	0.000	0.001	0.000	0.005
03:00:00	14.8	13.7	13.2	12.8	6.4	6.0	5.8	6.1	0.003	0.000	0.000	0.003
03:15:00	14.7	14.1	12.7	12.8	6.3	6.0	5.8	5.9	0.002	0.000	0.000	0.001
03:30:00	15.3	14.0	12.8	12.7	6.2	5.9	5.7	5.8	0.001	0.000	0.000	0.003
03:45:00	14.5	13.9	12.7	12.2	6.1	6.0	5.7	5.9	0.000	0.000	0.000	0.001
04:00:00	14.5	13.5	12.8	12.1	6.1	5.9	5.6	5.9	0.000	0.000	0.000	0.002
04:15:00	14.1	13.1	12.2	12.0	6.0	5.8	5.5	5.7	0.000	0.000	0.000	0.002
04:30:00	14.9	12.7	12.3	12.0	5.9	5.6	5.4	5.6	0.000	0.000	0.000	0.002
04:45:00	13.4	12.1	11.8	11.4	5.8	5.5	5.3	5.6	0.000	0.000	0.000	0.000
05:00:00	13.0	11.9	11.5	11.1	5.7	5.4	5.1	5.5	0.000	0.000	0.000	0.000
05:15:00	12.6	11.7	11.2	11.0	5.6	5.3	5.1	5.4	0.000	0.000	0.000	0.000
05:30:00	12.3	11.5	11.0	10.9	5.6	5.2	5.0	5.3	0.000	0.000	0.000	0.000
05:45:00	12.6	11.2	10.7	10.6	5.3	5.1	4.9	5.0	0.000	0.000	0.000	0.000
06:00:00	12.1	10.8	10.6	10.4	5.1	4.9	4.8	5.0	0.000	0.000	0.000	0.000
06:15:00	19.0	10.5	10.1	10.0	5.7	4.8	4.7	4.8	0.000	0.000	0.000	0.000
06:30:00	10.9	10.2	9.6	9.5	4.9	4.6	4.5	4.7	0.000	0.000	0.000	0.000
06:45:00	10.6	9.7	9.4	8.9	4.7	4.5	4.2	4.6	0.000	0.000	0.000	0.000
07:00:00	10.2	9.8	9.5	8.9	4.5	4.5	4.2	4.6	0.000	0.000	0.000	0.000
07:15:00	11.1	10.1	9.6	8.8	4.7	4.5	4.2	4.6	0.000	0.000	0.000	0.000
07:30:00	12.9	10.0	9.2	9.0	4.9	4.6	4.3	4.6	0.000	0.000	0.000	0.000
07:45:00	10.5	9.7	9.3	9.0	4.8	4.6	4.4	4.7	0.000	0.000	0.000	0.000
08:00:00	10.1	9.5	9.2	8.5	4.7	4.6	4.3	4.6	0.000	0.000	0.000	0.000
08:15:00	9.7	8.9	9.0	8.3	4.6	4.5	4.2	4.5	0.000	0.000	0.000	0.000
08:30:00	12.6	9.6	9.2	8.8	5.5	4.7	4.4	4.6	0.000	0.000	0.000	0.000
08:45:00	10.5	10.2	9.6	9.3	5.0	4.9	4.6	4.9	0.000	0.000	0.000	0.000
09:00:00	11.5	10.8	9.7	9.6	5.3	5.2	4.8	5.0	0.000	0.000	0.000	0.000
09:15:00	12.5	11.2	10.6	9.9	5.6	5.4	5.0	5.5	0.000	0.000	0.000	0.000
09:30:00	11.8	11.8	11.1	10.7	5.8	5.7	5.3	5.8	0.000	0.000	0.000	0.000
09:45:00	12.9	12.6	11.1	11.3	6.3	6.1	5.7	5.8	0.000	0.000	0.000	0.000
10:00:00	12.7	12.0	11.0	11.1	6.4	6.1	5.7	6.0	0.000	0.000	0.000	0.000
10:15:00	12.0	11.1	10.6	10.4	6.3	6.0	5.7	6.0	0.000	0.000	0.000	0.000
10:30:00	11.9	10.9	10.3	10.1	6.3	5.9	5.8	5.9	0.000	0.000	0.000	0.000
10:45:00	12.1	9.6	10.7	10.3	6.4	5.5	5.7	6.1	0.000	0.000	0.000	0.000
11:00:00	12.0	10.6	10.7	10.3	6.5	6.2	5.9	6.3	0.000	0.000	0.000	0.000
11:15:00	11.4	10.6	10.7	10.2	6.4	6.2	5.9	6.2	0.000	0.000	0.000	0.000
11:30:00	11.4	10.6	10.1	10.2	6.4	6.2	5.9	6.1	0.000	0.000	0.000	0.000
11:45:00	10.6	9.5	9.4	9.5	6.1	5.7	5.6	5.6	0.000	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	9.6	8.8	9.2	8.7	5.5	5.3	5.1	5.2	0.000	0.000	0.000	0.000
12:15:00	8.5	7.8	8.3	7.8	4.9	4.5	4.6	4.7	0.000	0.000	0.000	0.000
12:30:00	8.5	7.5	8.0	7.6	4.7	4.4	4.5	4.5	0.000	0.000	0.000	0.000
12:45:00	8.7	8.0	8.3	7.8	5.1	4.8	4.6	4.8	0.000	0.000	0.000	0.000
13:00:00	8.5	8.3	8.8	8.9	4.8	4.9	4.9	5.0	0.000	0.000	0.000	0.000
13:15:00	9.4	8.7	9.5	9.6	5.4	5.2	5.2	5.0	0.000	0.000	0.000	0.000
13:30:00	10.0	9.0	9.7	9.7	5.8	5.3	5.4	5.3	0.000	0.000	0.000	0.000
13:45:00	9.6	8.3	9.6	9.1	5.4	4.9	5.2	5.1	0.000	0.000	0.000	0.000
14:00:00	9.1	8.1	8.7	8.2	5.0	4.6	4.7	4.7	0.000	0.000	0.000	0.000
14:15:00	8.7	8.2	8.7	8.2	4.9	4.5	4.5	4.6	0.000	0.000	0.000	0.000
14:30:00	9.2	8.2	9.1	8.7	5.0	4.4	4.6	4.7	0.000	0.000	0.000	0.000
14:45:00	9.6	8.4	9.5	8.9	4.9	4.5	4.9	4.9	0.000	0.000	0.000	0.000
15:00:00	10.0	9.3	10.3	10.1	5.1	4.8	5.0	4.9	0.000	0.000	0.000	0.000
15:15:00	11.4	10.3	11.5	11.0	5.6	5.4	5.5	5.5	0.000	0.000	0.000	0.000
15:30:00	13.5	11.7	12.7	12.2	6.4	5.9	6.2	6.1	0.001	0.000	0.000	0.000
15:45:00	13.2	11.8	13.3	12.6	6.7	6.3	6.5	6.4	0.005	0.000	0.000	0.000
16:00:00	19.6	11.5	12.6	12.1	7.2	6.1	6.0	6.1	0.008	0.001	0.000	0.006
16:15:00	11.8	10.7	11.4	11.7	6.1	5.8	5.8	5.6	0.012	0.001	0.000	0.012
16:30:00	10.7	10.4	11.1	10.6	5.7	5.7	5.4	5.4	0.014	0.001	0.000	0.012
16:45:00	11.4	9.2	9.9	9.7	5.5	4.9	5.3	5.2	0.016	0.000	0.000	0.015
17:00:00	10.7	9.9	10.8	10.2	5.7	5.4	5.4	5.3	0.018	0.002	0.000	0.016
17:15:00	12.6	11.3	12.2	11.4	6.5	6.3	6.1	6.1	0.016	0.001	0.000	0.019
17:30:00	12.7	11.8	12.8	11.7	6.7	6.3	6.2	6.3	0.016	0.001	0.000	0.016
17:45:00	13.2	11.6	11.9	13.1	6.8	6.4	6.5	6.2	0.014	0.001	0.000	0.016
18:00:00	16.0	12.6	12.7	13.8	7.3	6.7	6.7	6.7	0.014	0.000	0.000	0.017
18:15:00	13.7	13.0	12.7	12.8	7.2	6.8	6.7	6.7	0.011	0.000	0.000	0.014
18:30:00	34.8	13.1	12.8	12.6	9.2	7.0	6.8	6.8	0.012	0.001	0.000	0.012
18:45:00	15.9	13.7	13.4	13.1	7.6	7.2	7.0	6.9	0.010	0.000	0.000	0.011
19:00:00	14.5	14.1	13.4	13.4	7.5	7.3	7.0	6.8	0.009	0.001	0.000	0.010
19:15:00	14.8	14.4	14.1	13.8	7.7	7.5	7.2	7.2	0.005	0.000	0.000	0.007
19:30:00	16.7	15.7	15.3	14.9	8.4	8.2	7.9	7.9	0.005	0.000	0.000	0.007
19:45:00	17.1	16.5	15.5	15.8	8.7	8.4	8.0	8.0	0.001	0.000	0.000	0.007
20:00:00	17.7	17.0	16.2	16.1	8.9	8.6	8.2	8.2	0.002	0.000	0.000	0.005
20:15:00	18.5	17.6	16.6	16.7	9.0	8.8	8.3	8.4	0.001	0.000	0.000	0.004
20:30:00	29.8	18.0	16.5	17.0	10.5	8.9	8.6	8.4	0.001	0.000	0.000	0.004
20:45:00	18.8	18.3	17.0	16.9	9.2	8.9	8.5	8.5	0.000	0.000	0.000	0.002
21:00:00	20.3	19.0	17.5	16.8	9.4	9.3	8.5	8.7	0.000	0.000	0.000	0.002
21:15:00	23.0	18.7	17.4	17.5	9.6	9.1	8.7	8.7	0.000	0.000	0.000	0.003
21:30:00	20.6	19.4	18.1	18.5	9.5	9.3	9.0	8.9	0.000	0.000	0.000	0.004
21:45:00	21.6	19.6	18.3	18.7	9.7	9.4	9.0	8.9	0.002	0.000	0.000	0.004
22:00:00	21.0	20.0	18.5	19.2	9.7	9.4	9.0	9.1	0.002	0.000	0.000	0.004
22:15:00	20.9	20.4	18.3	18.7	9.8	9.5	9.0	8.8	0.004	0.000	0.000	0.005
22:30:00	20.9	20.9	19.2	18.6	9.9	9.6	8.9	9.2	0.001	0.001	0.000	0.006
22:45:00	20.8	20.9	19.0	18.7	9.8	9.6	9.1	9.2	0.003	0.001	0.000	0.005
23:00:00	20.6	20.7	18.8	18.5	9.8	9.6	9.0	9.2	0.005	0.000	0.000	0.006
23:15:00	20.4	21.3	18.4	18.5	9.7	10.0	9.0	9.0	0.003	0.000	0.000	0.004
23:30:00	20.8	21.1	19.1	18.6	9.9	9.7	9.0	9.0	0.003	0.000	0.000	0.005
23:45:00	20.5	21.5	18.9	18.7	9.8	9.9	9.2	9.4	0.001	0.000	0.000	0.003



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*

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